

What claimed is:

1. A collimating device comprising:

a Graded Index lens;

a filter; and

a tube comprising a first receiving portion and a second receiving portion, wherein the Graded Index lens is secured in the first receiving portion, and the filter is secured in the second receiving portion.

2. The collimating device as described in claim 1, wherein the first receiving portion defines a cylindrical cavity therein, and the second receiving portion defines a generally rectangular cavity therein.

3. The collimating device as described in claim 2, wherein the Graded Index lens is secured in the cylindrical cavity, and the filter is secured in the rectangular cavity.

4. The collimating device as described in claim 1, wherein the Graded Index lens has an inner end face contacting an inside surface of the filter.

5. The collimating device as described in claim 1, wherein the Graded Index lens is glued in the first receiving portion.

6. The collimating device as described in claim 1, wherein the filter is glued in the second receiving portion.

7. The collimating device as described in claim 1, wherein the filter is a thin film filter.



to each other around an interface therebetween, while instead laterally/radially secured to a same third party respectively.

13. The collimating device as described in claim 12, wherein said third party is a tube defining first and second receiving sections with different diameters thereof to respectively receive said GRIN lens and said filter therein.